

**GREENLAWNS HIGH SCHOOL
COMPUTER SCIENCE
FINAL EXAMINATION**

**STD : 5 A/B/C
TIME : 2 HOURS**

MARKS : 80

NOTE :

- **ALL THE ANSWERS ON THE ANSWER SHEET. NO NEED TO COPY THE QUESTIONS**

I. A. Multiple Choice Questions : (15 MARKS)

1. The Scratch window consists of all except:

- A. Menu bar**
- B. Stage**
- C. Task manager**
- D. Scripts tab**

2. Slide layout refers to:

- A. Arrangement of objects on a slide**
- B. Colour of slide**
- C. Animation on slide**
- D. Slide transition**

3. The Scripts Area is used to:

- A. Select sprites**
- B. Stack blocks to create programs**
- C. Change languages**
- D. Save files**

4. IoT devices save energy by _____.

- A. increasing power use**
- B. stopping electricity**
- C. wasting power**
- D. reducing energy consumption**

5. The Sprite Library is used to:
- A. Save sprite
 - B. Choose new sprites
 - C. Edit scripts
 - D. Run programs
6. Which key is used to start a slide show from the beginning?
- A. F1
 - B. F2
 - C. F5
 - D. Esc
7. X and Y coordinates indicate:
- A. Sprite position on the Stage
 - B. Sprite size
 - C. Sprite color
 - D. Sprite direction only
8. Rearranging slides is easiest in which view?
- A. Reading View
 - B. Slide Show View
 - C. Slide Sorter View
 - D. Outline View
9. Fitness trackers are examples of _____.
- A. Wearable devices
 - B. Smart homes
 - C. Smart cities
 - D. Smart farming
10. Which option allows you to zoom in or out of scripts?
- A. Stage button
 - B. Magnification tool
 - C. Globe button
 - D. Edit menu

11. Smart farming uses sensors to monitor _____.

- A. Their families
- B. Soil moisture and crop health
- C. Architecture
- D. Buildings

12. A presentation opens by default in which view?

- A. Slide Sorter View
- B. Reading View
- C. Slide Show View
- D. Normal View

13. A smart pillbox is used in the field of _____.

- A. Education
- B. Transport
- C. Medical
- D. Farming

14. Which view shows the presentation like a slide show but inside a window?

- A. Slide Show View
- B. Normal View
- C. Reading View
- D. Slide Sorter View

15. Boxes with dotted borders on a slide are called:

- A. Placeholders
- B. Objects
- C. Shapes
- D. Text boxes

B. WRITE THE FULL FORMS OF :

(5 MARKS)

1. IoT
2. AI
3. IoMT
4. IIoT

5. AV

II. A. NAME THE FOLLOWING : (12 MARKS)

- 1. A ready-made set of colours, fonts, and effects**
- 2. The creator of Scratch**
- 3. The group on the View tab that contains Normal and Slide Sorter options.**
- 4. The area where blocks are joined to create programs**
- 5. The view mainly used to work with text content**
- 6. The place where programming blocks are available**
- 7. The group in the design tab to change the fonts**
- 8. The sensors used in smart farming**
- 9. The device that controls the temperature in homes**
- 10. The button used to change the language in Scratch**
- 11. One word for : “something can do its work by itself”**
- 12. The place where sprites perform actions**

B. STATE WHETHER TRUE OR FALSE (8 MARKS)

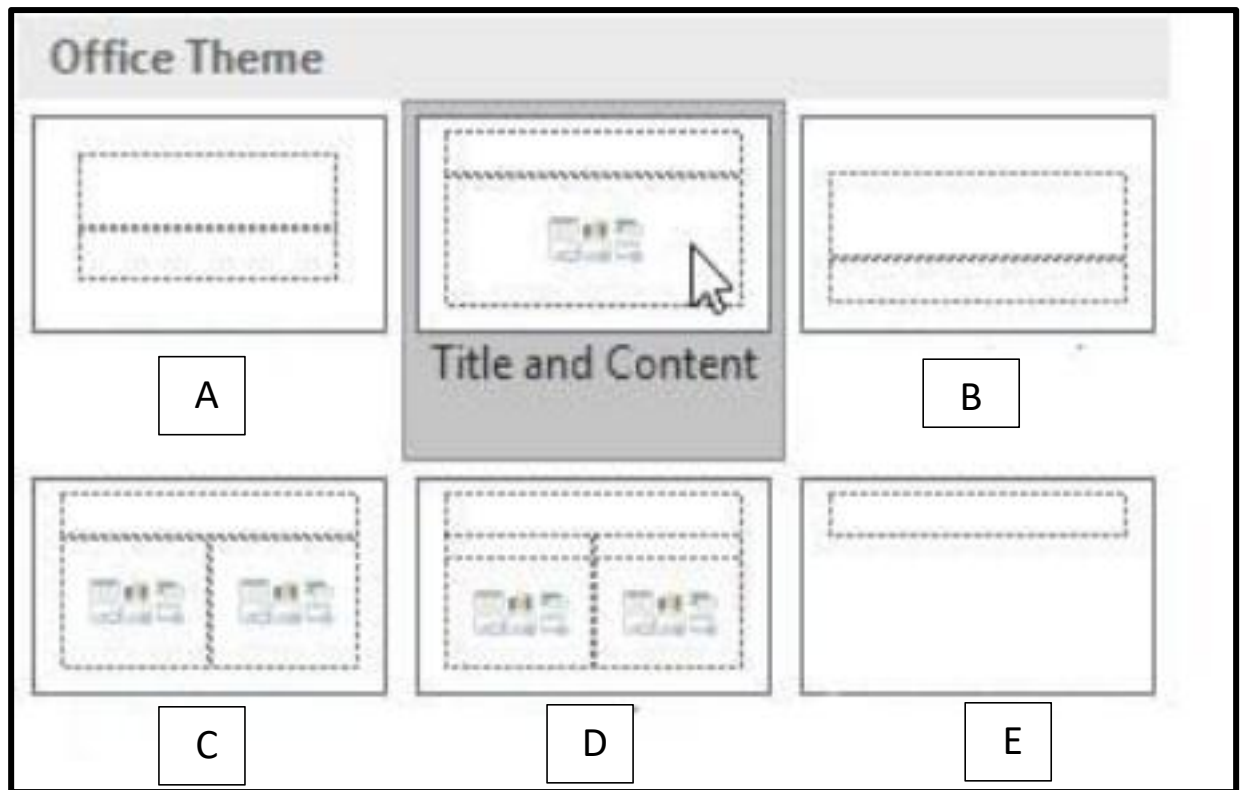
- 1) Motion blocks are sky blue in colour.**
- 2) A smart light bulb can turn on and off automatically**
- 3) Backdrops are also called bricks or tiles.**
- 4) Rotation style controls the direction a sprite faces.**
- 5) Scratch programs are created by typing commands.**
- 6) IoT devices work without using the Internet**
- 7) Background colour can be changed using the Format Background option.**
- 8) Notes Page View cannot be printed.**

III. A. WRITE THE KEYBOARD SHORTCUTS : (5 MARKS)

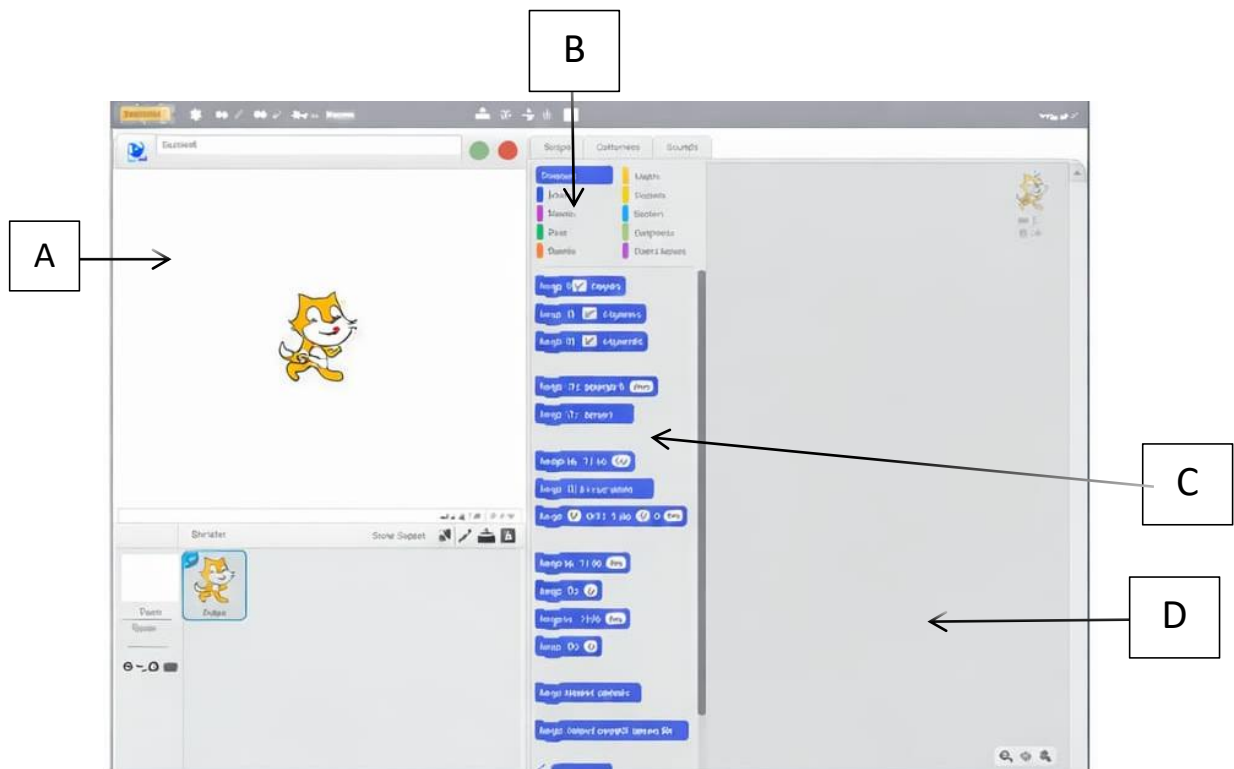
- 1. To insert a new slide**
- 2. To delete multiple sprites**
- 3. To go to the beginning of the presentation**
- 4. To view the previous slide**
- 5. To undo an action**

B. Identify the slide layouts (A,B,C,D,E)

(5 MARKS)



C. Answer the following based on the picture given below : (10 MARKS)



1. Name the component A.
2. Which button is used to start running the Scratch program ?
3. Name the component B.
4. How does the Duplicate button look like ?
5. Name the component C.
6. Which menu has the commands to adjust the stage size ?
7. Name the component D.
8. How does the Delete button look like ?
9. Which button helps to make the size of the sprite smaller ?
10. What happens when you click on the Scratch logo button ?

IV. ANSWER THE FOLLOWING :

- A. DEFINE : (5 MARKS)**
- a) Object code
 - b) IoT (not the full form)
 - c) Computer program
 - d) Show box (in scratch program)
 - e) Sprite
- B. What are the three advantages of IoT (explain) (3 MARKS)**
- C. Which are the available themes in MS Office (any 4) (2 MARKS)**
- D. Which are the three presentation softwares like MS Powerpoint (3 MARKS)**
- E. What are the three disadvantages of IoT (explain) (3 MARKS)**
- F. What are the four ways in scratch to add a backdrop (3 MARKS)**